

NOTES TO ARCHITECT

SECTION 09683 - CARPETING (GLUE-DOWN WITH INTEGRAL FOAM BACK)

This specification shall be used where softness is a requirement in schools.

PART 1 - GENERAL

1.01 GENERAL CONDITIONS

As specified in Section 00700.

This specification is for carpet with an integral foam back which is glued directly to the floor.

1.02 SUBMITTALS

A. Samples:

1. Within **15** calendar days after award of the contract, the Contractor shall submit to the Engineer 2 samples of the carpet he proposes to furnish. Minimum sample size shall be 3 in. x 5 in.
2. At the same time, he shall also submit to the Engineer one set of carpet samples of the manufacturer's standard colors. The manufacturer, carpet designation, and color designation shall be indicated on the back of each sample. After receiving notification of the color selection, the Contractor shall submit to the Engineer 3 samples of carpet of the selected color(s).

Change "15 calendar days" to "7 calendar days" for projects consisting only of carpeting.

**Carpeting is a long lead item. Allow 6 to 8 weeks for ordering and delivery of materials when scheduling the project.**

- B. Certification: The Contractor shall certify in writing that the carpet as proposed meets or exceeds the requirements of these specifications. He shall also submit the manufacturer's complete specifications covering the construction of the proposed carpet.

C. Installation Drawings - Layout:

1. Together with the samples in Subsection A. above, the Contractor shall submit 5 sets of 1/8" or 1/4" scale floor plans showing the proposed carpet layout of all areas to the Engineer for approval. The drawings shall clearly indicate and accurately locate all side seams and edge guards. Such seams and edge guards shall conform to the requirements in Subsection 3.02 E. Wherever possible, the lay of carpets in adjoining areas shall be in the same direction. Completed work shall conform to approved drawings.

2. After receiving the carpeting but before cutting, the Contractor shall submit 2 sets of the above drawings with all proposed cross seams and piece markings (as called for in Subsection 3.02 A. below) added to the drawings. No cutting shall be done before the Engineer approves this layout.

PART 2 - PRODUCTS

2.01 MATERIALS

- A. Asbestos Prohibition: No asbestos containing materials shall be used under this section. The Contractor shall insure that all materials incorporated in the project are asbestos-free.

B. Carpets

1. Components

a. Face yarn

Minimum 22 oz. per square yard of 100% bulked, continuous filament, second and third generation soil hiding nylon (Antron III, Anso IV, Caltron, Camalon, Ultron or approved equal).

The face yarn wts. shown are for medium traffic areas. The figures should be increased for heavy traffic areas such as corridors to 28 oz./sq. yd.

b. Primary backing: Polypropylene

c. Secondary backing: Enhancer III plus

2. Construction

a. Tufted loop piles

b. Gauge: 1/8" maximum, 1/10" minimum

c. Average pile height: 0.150" minimum

d. Tuft density: Minimum 64 tufts per square inch

3. Color and Pattern: Carpets shall have a pattern with a multiple color tweedy effect. Color shall be as selected from the manufacturer's standard colors. The Engineer may select any 2 of the colors for any building in which carpet is to be installed.

4. Performance

- a. Tuft bind shall be 20 pounds minimum.
- b. The following flammability requirement shall be met:

TEST	RESULT
ASTM E648-78 Radiant Panel Test	0.22 watts per sq. cm.

Change to 0.45 watts/sq. cm. for hospital and health care facilities.

C. Adhesive

Adhesive shall be white latex base, permanent type.

- D. Edge Guards: Vinyl or rubber as manufactured by Johnson Rubber Co., Mercer Plastics Co. and Textile Rubber Co.; or aluminum edging with hammered finish as manufactured by Royal Aluminum, Inc. or Roberts.

PART 3 - EXECUTION

3.01 INSPECTION OF SURFACES

Before work under this section is started, the Carpet Contractor, together with the Contractor and the Inspector, shall examine all surfaces that are to receive carpet to insure that they are in the proper condition for same. The Carpet Contractor shall notify the Contractor of unacceptable areas and/or conditions (in terms of potential damage to the carpet) in writing. A copy of such notification shall be sent to the Engineer. All such areas and/or conditions shall be corrected by the Contractor prior to start of the work.

Modify, delete and/or add to this subsection as appropriate for your project.

3.02 INSTALLATION

- A. Every piece of carpet delivered to the job shall have been marked to indicate its proper location relative to other pieces in the installation. This information shall be written on the back of each piece in indelible ink. Also, a copy of the invoice, which shall have the manufacturer's name, pattern number(s) and color(s) shall be given to the Inspector upon delivery of the materials to the site.
- B. All materials shall be installed by a licensed carpet installer.

- C. Floor areas shall be cleaned thoroughly to remove all materials which could affect the adhesion of the carpet to the floor.
- D. Carpet in an enclosed area shall be matched as closely as possible in color and shade. To achieve this, all the flooring laid in such an area shall be from the same dye lot whenever possible, with pieces laid adjacent to one another in the same order as fabricated.
- E. Carpet shall be laid in full lengths wherever possible. It shall be cut to fit snugly (with slight compression rather than loose) against all vertical surfaces and shall be installed in those cabinets which do not have raised bottoms as well as under movable shelving and casework. The number of seams and cross seams shall be held to a minimum. Carpet shall be aligned so that lines of carpet match as woven, length and width. Filler strips for any location shall be in one piece.
  - 1. Carpet shall be laid so that seams perpendicular to a wall do not occur at door openings in that wall unless otherwise approved by the Engineer.
  - 2. Carpets in corridors less than 12 ft. wide shall have no more than one seam lengthwise to the corridor and a minimum number of seams across the width of the corridor.
- F. Carpet shall be prepared for laying as follows:

Carpet edges at all seams shall be trimmed to match the carpet nap. Pile loops which are frayed in cutting shall be trimmed at the top of the primary backing. However, cutting of pile loops shall be kept to a minimum, and any seam which becomes objectionable because excessive trimming is required shall be rejected.
- G. The surface of the floor to receive carpeting shall be primed if/as necessary to insure positive bonding of the adhesive to the substrate.
- H. Carpeting shall be laid smoothly into a uniformly applied layer of adhesive. Carpet edges shall be tucked neatly against all abutting vertical surfaces and edge guard.

NOTES TO ARCHITECT

- I. At completion of installation, all dirt and debris shall be cleaned off, all spots shall be removed from the carpet with a proper type of spot remover, and all loose threads shall be snipped from the carpet with a sharp pair of scissors. The entire installation shall be left clean and in a condition acceptable to the Engineer.

END OF SECTION